

Application No. 10/041,139
July 22, 2004
Response to Office Action

Page 2

In the Claims:

Please amend Claims 1, 2, 4, 5, 7, 8, and 10 as follows:

WHAT IS CLAIMED IS:

1 1. (Currently Amended) An apparatus for installing and removing a harvesting combine
2 rotor comprising:
3 a harvesting combine including a frame portion having a front end, the frame portion
4 supporting a threshing rotor contained in a body located rearwardly of the front end, a cab
5 supported at a ~~predetermined location~~ first position on the front end forwardly of the body
6 containing the rotor, and a linkage assembly operatively connected to the frame portion and to
7 the cab so as to be movable for raising the cab relative to the frame portion from the first position
8 to a second position, substantially directly above the predetermined location the cab and the
9 frame portion defining a rotor spacing when in the second position, the rotor spacing to create a
10 space underneath the cab to allow allowing installation and removal of the rotor in the body
11 through the space and removal of the rotor from the body through the space of the harvesting
12 combine, the harvesting combine being fully operational with the cab in any one of the first
13 position and the second position.

1 2. (Currently Amended) The apparatus of claim 1 wherein the linkage assembly is rotatably
2 connected to the frame portion so as to be movable relative thereto from a down position to an up
3 position for raising the cab to the second position ~~substantially directly above the predetermined~~
4 ~~location on the front end for creating the space.~~

Application No. 10/041,139
July 22, 2004
Response to Office Action

Page 3

3. (Previously Presented). The apparatus of claim 1 wherein the combine further includes a feeder housing located below the cab and movable upwardly and downwardly, and a support rod for coupling the linkage assembly to the feeder housing for raising and lowering the linkage assembly by the upward and downward movement of the feeder housing.

4. (Currently Amended) An apparatus for installing and removing a harvesting combine rotor comprising:

a harvesting combine including a body supported on a frame portion, the frame portion including a front end disposed forwardly of the body, a cab disposed at a first position ~~predetermined location~~ above the front end forwardly of the body, the body being adapted for receiving the combine rotor through a front end thereof, a linkage assembly operatively connected to the frame portion and to the cab and operatively movable for raising the cab from the first position to a second position ~~substantially directly above the first position~~ ~~predetermined location above the front end, the cab in the second position sufficiently to allowing the~~ installation and removal of the rotor through the front end of the body underneath the cab, the harvesting combine being fully operational with the cab in any one of the first position and the second position.

5. (Currently Amended) The apparatus of claim 4 wherein the linkage assembly comprises a plurality of link members, each of the link members having a first end pivotally connected to the frame portion and an opposite second end supporting the cab, the second ends of the link members being pivotable upwardly about the first ends thereof for raising the cab above the front end for allowing installation and removal of the rotor.

Application No. 10/041,139
July 22, 2004
Response to Office Action

Page 4

1 6. (Previously Presented). The apparatus of claim 4 wherein the body has a front wall and
2 wherein the rotor includes a front end and a back end, the front end of the rotor being located
3 adjacent the front wall of the body and the rear end of the rotor extending upward from the front
4 end.

1 7. (Currently Amended) An apparatus for removing a rotor from a harvesting combine
2 comprising:
3 a harvesting combine including a housing and a frame portion, a linkage assembly
4 located forwardly of the housing and operatively connected to the frame portion, a rotor disposed
5 within the housing, and a cab disposed in a predetermined first orientation and located at a
6 ~~predetermined location~~ first position forwardly of the housing and operatively connected to the
7 linkage assembly to allow the cab to be raised to a second position while remaining at least
8 ~~substantially in the predetermined first orientation and at the predetermined location~~ forwardly of
9 the housing to allow the removal of the rotor from the combine underneath the cab.

1 8. (Currently Amended) A method of installing a rotor in a harvesting combine comprising:
2 providing a harvesting combine including a housing and a frame portion having a front
3 end, a linkage assembly operatively connected to the front end of the frame portion, a cab
4 disposed at a ~~predetermined front-to-rear location~~ down position in front of the housing and
5 operatively connected to the linkage assembly;
6 moving the linkage assembly for raising the cab to an up position ~~substantially directly~~
7 above the ~~predetermined front-to-rear location~~ down position; and

Application No. 10/041,139
July 22, 2004
Response to Office Action

Page 5

8 installing a rotor in the housing by passage underneath the cab when in the up position,
9 the harvesting combine being fully operational with the cab in any one of the down position and
10 the up position.

1 9. (Previously Presented) The method of claim 8 wherein the linkage assembly comprises a
2 four bar linkage.

1 10. (Currently Amended) A method of removing a rotor from a harvesting combine
2 comprising:

3 providing a harvesting combine including a housing and a frame portion having a front
4 end, a linkage assembly operatively connected to the front end of the frame portion, a rotor
5 disposed within the housing, a cab disposed at a ~~predetermined location~~ down position on the
6 front end and operatively connected to the linkage assembly;

7 moving the linkage assembly for raising the cab to an up position ~~substantially directly~~
8 above the ~~predetermined location~~ down position; and

9 removing the rotor from the housing by passage underneath the cab when in the up
10 position, the harvesting combine being fully operational with the cab in any one of the down
11 position and the up position.

1 11. (Previously Presented) The method of claim 10 wherein the linkage assembly comprises
2 a four bar linkage.

1 12. (Previously Presented) The apparatus of claim 1 wherein the linkage assembly comprises
2 a four bar linkage.

Application No. 10/041,139
July 22, 2004
Response to Office Action

Page 6

1 13. (Previously Presented). The apparatus of claim 4 wherein the linkage assembly
2 comprises a four bar linkage.

1 14. (Previously Presented) The apparatus of claim 7 wherein the linkage assembly comprises
2 a four bar linkage.